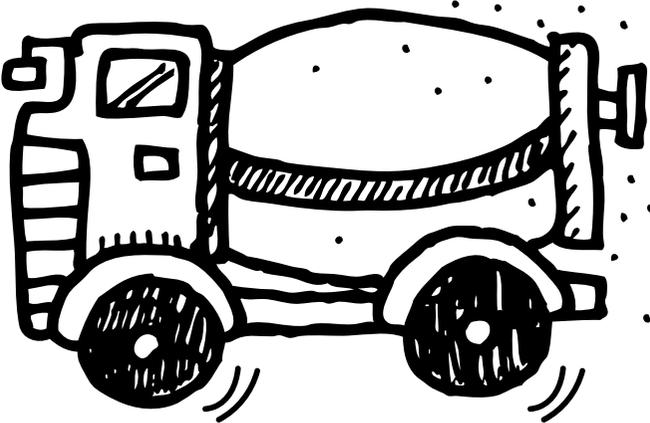
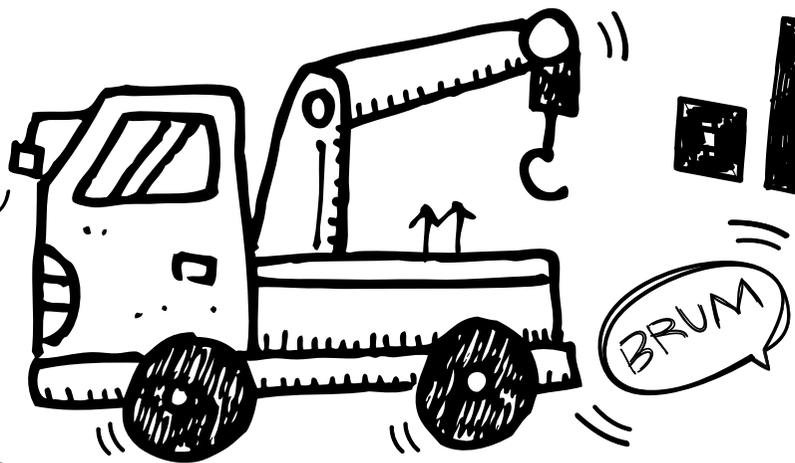


ESCHA



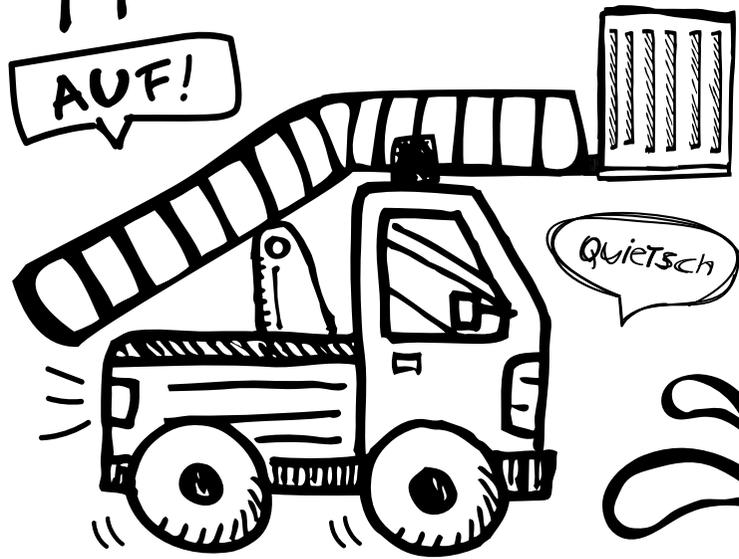
TATA

Typisch

DEUTSCH



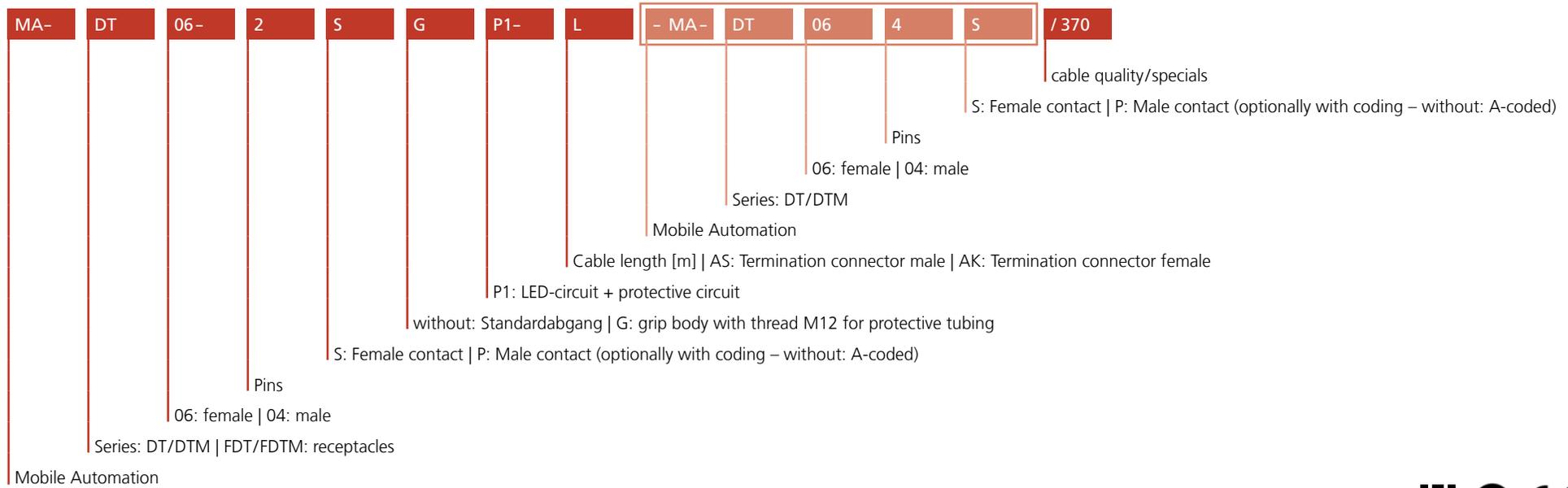
AUF!



TUT



Nomenclature of patched connectors



		Body			Cable		L = cable length*			
		Pins	U [max]	I [max]	Material	Color	Item description			
							2m / 1m	5m / 2m	10m / 5m	
	Single-ended cordset female	2	250V	10A	PUR	BK	MA-DT06-2S-m/S370	8101820	8108768	8108769
		4	250V	10A	PUR	BK	MA-DT06-4S-m/S370	8101830	8108770	8108771
		6	250V	10A	PUR	BK	MA-DT06-6S-m/S370	8101845	8108811	8108812
	Single-ended cordset female grip body with thread	2	250V	10A	PUR	BK	MA-DT06-2SG-m/S370	8107148	8108787	8108788
		4	250V	10A	PUR	BK	MA-DT06-4SG-m/S370	8101844	8108772	8108773
		6	250V	10A	PUR	BK	MA-DT06-6SG-m/S370	8101895	8108775	8108776
	Single-ended cordset male	2	250V	10A	PUR	BK	MA-DT04-2P-m/S370	8105748	8108777	8108778
		4	250V	10A	PUR	BK	MA-DT04-4P-m/S370	8105749	8108779	8108780
		6	250V	10A	PUR	BK	MA-DT04-6P-m/S370	8105750	8108783	8108784
	Single-ended cordset male grip body with thread	2	250V	10A	PUR	BK	MA-DT04-2PG-m/S370	8107149	8108789	8108790
		4	250V	10A	PUR	BK	MA-DT04-4PG-m/S370	8105752	8108781	8108782
		6	250V	10A	PUR	BK	MA-DT04-6PG-m/S370	8105754	8108785	8108786
	Double-ended cordset female	2	250V	10A	PUR	BK	MA-DT06-2S-m-MA-DT04-2P/S370	8109107	8109204	8109205
		4	250V	10A	PUR	BK	MA-DT06-4S-m-MA-DT04-4P/S370	8109206	8109207	8109208
		6	250V	10A	PUR	BK	MA-DT06-6S-m-MA-DT04-6P/S370	8109114	8109209	8109210
	Double-ended cordset female	2	250V	10A	PUR	BK	MA-DT06-2S-m-MA-DT06-2S/S370	8109211	8109212	8109213
		4	250V	10A	PUR	BK	MA-DT06-4S-m-MA-DT06-4S/S370	8109214	8109215	8109216
		6	250V	10A	PUR	BK	MA-DT06-6S-m-MA-DT06-6S/S370	8109217	8109218	8109219

* Standard cable-lengths for single-ended cordset: 2m, 5m, or 10m. For double-ended cordset: 1m, 2m, or 5m.



DEUTSCH-DT

Technical data

Insulation resistance	$\geq 10^8 \Omega$
Resistance	$\leq 5 m\Omega$
Ambient temperature product	$-40^\circ\text{C} \dots +90^\circ\text{C}$
Contact material	Metal, CuZn, nickel-plated
Contact-carrier material	Plastic, TPU, BK
Grip body material	Plastic, TPU, BK
Coupling nut material	Silicone
Sealing (female) material	Snap lock
Degree of protection (mounted)	IP67, IP68, IP69
Mechanical life-cycle	>100 mating cycles
Degree of pollution	3

To meet the high demands towards connectivity in mobile automation, ESCHA extends its portfolio of valve connectors, M12 connectors with stainless-steel- or plastic locking nuts and variants with threaded grip body for protective hoses by typical rectangular connectors in Deutsch-DT design. The self-designed contacts and contact carriers are overmolded in a one-shot process and offer a safe, reliable and factory-tested contacting. This avoids long supply chains and ensures high availability.

At market launch 2-, 4- and 6-pole versions are available in male- and female design as well as single-ended- and double-ended cord sets with threaded grip body for protective hoses. During the first quarter of 2022 the portfolio will be complemented by further pole versions and LED variants with protective circuit.

As usual at ESCHA and upon customer request, different modification options are possible, such as individual B-side assemblies, labelling or ready-made harnesses – inch-perfect and tested – for a “Plug-and-Play” installation on the vehicle. A variety of markings and printings simplifies the allocation of cables and reduces installation time.



ESCHA – specialist in connectivity.

ESCHA develops, manufactures and markets high-grade connectivity- and housing technology.

Coming from automation engineering, we master the technology of dust- and waterproof connectivity. We regularly transfer the advantages of this technology to new applications and develop product portfolios for different industries.

We carry out IP-tests, climate tests or mechanical stress tests in our in-house test lab. Before leaving the company, we check all our products for 100% electrical function.

ESCHA is well known to find smart solutions for customer-specific connectivity issues – from the development of individual housing technology up to the production of various highly-complex harnesses.

Our strengths are many years of experience, innovative product development, a modern tool- and equipment shop, highly in-depth manufacturing and many motivated employees.

Through our global sales network and production sites in Europe, Asia and America we are close to our customers and guarantee consistent standards worldwide.

